

Exhibit A

Part	Upper Frequency	Power	Note/datasheet
	(GHz)	P1dB (dBm)	
legacy HMC1022	48	22	Ex. 701
K8606 prototype of HMC 1022A	40	25	Ex. 704
final released HMC1022A	48	25	Ex. 4
TM5051	52	21	Ex. 380
TM5052	52	20	Ex. 380
Miller MMIC MMW509	55	21	https://www.millermmic.com/pdf/mmic_amplifier/MMW509.pdf
Qorvo QPA0009D	55	15	https://www.qorvo.com/products/p/QPA0009D#parameters
Microwave Technology MMA-005022B	50	22	https://www.mwtinc.com/wp-content/uploads/2017/01/MMA-005022B.pdf
M/A-COM MAAM-011109	50	21	https://cdn.macom.com/datasheets/MAAM-011109-DIE.pdf
OMMIC CGY2141UH	46	21	https://www.ommic.com/product_wa/?ref=CGY2141UH%2FC1
Microsemi MMA032AA	45	18	https://www.microsemi.com/document-portal/doc_view/134445-mma032aa-datasheet
Avago AMMC-5024	40	22.5	Ex. 514